

19851009A1.FD1A

U.S. DEPT. COMM./NOAA/ORD - DATA SECTION WORK FORM NO.1 OROWF1 FILE

FLT ID: 851009 H	FM: KMZA	TO: KMZA
FLT NO: 86-02	BLK IN: 0344	ATA: 0338Z
ETD: 1930 Z	BLK OUT: 1931 Z	RTD: 1938 Z
ETE:	BLK TIME: 8:13	FLT TIME: 8:00
SPONSOR ORG: NHC	PROGRAM: ISABEL	PURPOSE: RECCO

ORD PERSONNEL

AC G. WUNDE	SYS ENG SCHRICKER
CP MEYERS	DATA SYS STONE
NAV H. DAVIS	RADAR KRANZ, JERK7
FE CORRELL	BT/ODW
RADIO ZYSKO	CLD PHYS
FD DARBY	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/ORD

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
WILLOUGHBY, H	CHIEF SCIENTIST	HRD
BLACK, M	RADAR SCIENTIST	HRD
DAVIS, STEVE		

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)

NOAA 2 0810 ISABEL

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OROWF2 FILE

FLT ID:

TIME OFF:

TIME ON:

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1015.5 RPS 1014.4 PS	1015.2	1016.9 RPS 1016.1 PS	1015.0

NO

DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

1

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

AXCP

ODW

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

T. 2340 28-55.6
77-19.3W

A/C COMMANDER		NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION Kmit 25-48.2 80-17.6	DATE 10/9/85	PROJ. NAME Isabelle			
Gurnoe		Adams	42RF	851009	193827						
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS				
19300	25-48.2 80-17.6	4	25-48.3 80-17.6	-1 0	25-48.2 80-17.6	0 0	Block out				
193827	25-48.1 80-17.2	4	25-48.1 80-17.1	0 +1	25-48.0 80-16.9	+1 +3	Toff				
1952	25-42.0 79-17.1	4	25-41.8 079-17.6	+2 -5	25-41.6 079-16.9	+4 +2	NOT 23V				
202140	26-43.1 77-22.8	4	26-43.0 77-22.1	+1 +7	26-42.2 77-21.3	+9 +5	Imm NE ZTC				
2052		9	28-30.4 77-02.3		28-30.8 77-00.4		51				
2211		9	28-33.2 77-19.9		28-34.4 77-16.6		52				
2330		9	29-13.2 77-42.3		29-13.1 77-38.3		53 ? Press. center				
0105			29-03.6 Wind 77-51.8 Eye		29-07.9 Press 77-57.5 Eye		Radar fix wli Snn				
0129		0Y	29-09 78-10		29-08 78-08		54				
0220			29-15 78-25.4		29-14.2 78-25.0		55				
0239		9	29-13.5 78-31.4		29-12.6 78-30.6		55				
0308	27-28.6 79-25.0	2	27-28.0 79-19.8	+6 +5.2	27-27.9 79-18.1	+7 +6.9	021/115 BSY				
SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE ELAPSE ALIGN POST TIME	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	ΔT (2)(1)	TERMINAL ERRORS		
									LAT	LONG	G S
INS 1		✓	✓		5	190530	0344	8.7	-1.6	+1.5	1
INS 2 or IMU		✓	✓		1	190532	0344	8.7	-1.3	+2.0	5
ALIGN REMARKS: NI Residual Stat. H (H off the air for maintenance)											
OTHER REMARKS:											
TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA - INERTIAL											

051009H

TIME	LAT	LONG	T	Td	WD	WS	FA	PA	SP			
2007	26.20	78.36	10.5	8.2	326	4	2851	2714	1013			
2015	26.47	77.83	10.8	7.0	291	6	2848	2711	1012			
2025	26.71	77.13	14.2	11.0	261	9	2223	2114	1013			
2030	27.12	77.00	22.5	22.1	276	8	461	449	1012			
2034	27.39	76.99	22.4	21.2	284	9	437	430	1012	27.0		
2041	27.80	76.99	21.9	21.9	281	11	443	455	1010	26.8		
2043	27.91	76.88	22.0	22.0	269	12	437	449	1009	26.6		
2045	28.05	76.97	21	22	260	14	426	449	1008			
2047	28.21	76.99	23	23	241	14	411	447	1007	26.4		
2048	28.27	77.00	23	23	246	7	423	461	1006	25.8		
2050	28.30	77.03	24	24	260	5	438	480	1005	25.8		
2051	28.41	77.03	24	23	270	2	440	483	1005	26.8		
2052	28.46	77.03	24	23	290	0	438	480	1005	25.7		
2053	28.50	77.03	23	23	177	1	435	481	1005	26.9		
2053	28.55	77.04	24	23	134	2	434	481	1005	26.1		
205405	28.61	77.04	24	23	128	4	433	480	1005	26.6		
2055	28.70	77.04	24	24	123	6	432	478	1005	25.7		
2057	28.80	77.04	24	23	094	7	435	479	1005	26.7		
2000	28.98	77.04	23	23	094	11	439	477	1006	26.1		
2102	29.10	77.04	23	23	102	14	444	478	1007	25.6		
2103	29.18	77.04	23	23	107	15	448	477	1007	25.5		
2104	29.25	77.04	23	23	104	15	458	478	1008	24.7		
2105	29.30	77.04	22	22	110	20	454	475	1008	23.8		
2112	29.73	77.04			072	27						
2119	30.02	77.15	21	21	073	27	457	438	1013			
2120	29.97	77.20	23	21	077	30	451	435	1011			
2123	29.86	77.40	21	21	063	32	439	437	1011			
2131	29.40	77.93	22	21	041	25	432	435	1010			
2135	29.20	78.17	22	22	032	23	440	439	1011	25.9		
2139	29.01	78.39	23	22	017	20	442	436	1012	26.7		
2142	28.82	78.62	22	22	014	19	447	432	1013	27.6		
2145	28.71	78.74	23	23	010	15	453	438	1013	27.9		
2149	28.50	78.84	23	22	008	16	453	433	1013	27.3		→ E
2153	28.50	78.64	23	22	358	17	443	431	1012	27.8		
2156	28.50	78.42	23	22	354	19	439	431	1012	26.6		
2201	28.50	77.97	22	21	353	17	425	436	1010	27.0		
2204	28.50	77.83	22	22	342	17	439	457	1009	24.8		
2207	28.53	77.64	23	23	357	12	428	455	1007	24.3		
2208	28.55	77.51	23	23	360	07	422	457	1007	25.5		
2209	28.55	77.43	23	23	358	04	440	472	1007	25.6		
2210	28.55	77.36	24	24	356	02	436	471	1006	26.1		
2211	28.55	77.32	24	23	259	1	435	472	1006	27.0		
2213	28.56	77.22	24	23	221	5	434	472	1006	26.4		
2215	28.56	77.08	24	23	186	9	438	472	1007	26.9		
2218	28.57	76.82	23	23	175	20	446	469	1008	24.0		
2220	28.57	76.66	22	22	174	22	456	471	1009			
2230	28.57	76.00	23	23	170	21	462	446	1012	26.2		→ E
2230	28.60	75.49										
2245	28.95	75.87	23	23	149	23	434	413	1013			
2247	29.07	76.00	23	22	145	24	429	413	1013			
2251	29.12	76.20	23	22	133	25	430	413	1013	25.4		
2254	29.137	76.142	23	23	125	25	424	413	1012	26.3		
2258	29.154	76.04	23	23	112	29	432	436	1012	25.7		
2306	30.02	77.20	23	22	094	28	484	441	1012	26.4		
2315	30.12	77.65	22	22	073	28	457	438	1013	25.9		

FLIGHT TRACK PLOT FOR FLIGHT ID: 851009H

BEGIN TIME= 19:31: 0

END TIME= 3:44: 0

